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Military - Activity, transports, war

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as 59-20936, 13 May 55, 20p.

DESCRIPTORS: \*Liquid metals, \*Degasification,  
Model tests, Numerical analysis.

I. Geller, W.

(Metallurgy, IT, v. 9, no. 9)

Office of Technical Services

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[1961] 2p.

Order from SLA \$1.10

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DESCRIPTIONS: \*Sodium, \*Acetylines, Preparation.

Office of Technical Services

(Unannounced)

62-10355

ACETYLENE MAGNESIUM BROMIDE: [SELECTED  
EXTRACTS] [1961] 2p.  
Order from SLA \$1.10

62-10355

Trans. from memo. [Belstein's Handbuch der  
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and v. 1, suppl. 2, p. 115

DESCRIPTORS: \*Acetylenes, \*Magnesium compounds,  
Bromides.

Office of Technical Services



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Order from SLA \$2.60

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p. 725-728; v. 1, suppl. 1, p. 377-379; v. 1, suppl. 2,  
p. 782-786.

DESCRIPTORS: \*Acroleins, Synthesis, Chemical  
reactions, Aldehydes, \*Organic compounds.

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Trans. of mono. Beispiele Angewandter Forschung.  
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Förderung d. Wissenschaften, München, 1953, p. 19-22.

DESCRIPTORS: \*Glass, Hardness, Heat treatment,  
Crystallization, Nucleation, Magnesium compounds,  
Aluminum compounds, Silicon compounds, Dioxides,  
Tin compounds, Titanium compounds, Oxides,  
Bearings, \*Ceramic materials.

(Materials--Ceramics, TT, v. 10, no. 4)

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Order from SLA m\$2.40, ph\$3.30

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1. Fertilizers. Development
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1. Balks, R.
11. Wehrmann, O.

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(Agriculture--Plant Cultivation, TT, v. 5, no. 11)

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NIH 9-13-61

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Sci - Geophysics, conductivity

Jul 54 CTS

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Circuit for the Determination of Conductivity in  
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Sci - Geophysics, conductivity

17.309

Jul 54 CTS



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(foreign text included) 4 refs  
Order from SLA \$5.60

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(ed. by E. Schott) Stuttgart, 1959, p. 31-57.

(Earth Sciences--Mineralogy, TT, v. 12, no. 2)

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II. Schott, E.

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Sack, W.

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SINTERING AND DEVITRIFYING POWDERED GLASS  
WITH THE AID OF MINERALIZERS (Herstellung  
Kristalliner Körper durch Sinterung und Entglasung von  
Glaspulver unter Verwendung von Mineralisatoren).  
[1962] [25p. (foreign text included) 4 refs.  
Order from SLA \$2.00

I. Sack, W.

Trans. of mon. Beiträge zur Angewandten Glasfor-  
schung, Stuttgart, 1959, p. 111-120.

DESCRIPTORS: \*Glass, Temperature, Crystallization,  
Crystals, Surfaces, Sintering, Inorganic substances,  
Powders, Production.

Within certain temperature ranges all inorganic glasses  
and especially silicate glasses tend to crystallize. The  
crystals so formed are specific for the particular glass  
composition. In glasses which devitrify less readily,  
(Materials: Ceramics, TT, v. 8, no. 5) (over)

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I. Meyer, F

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die Möglichkeiten der Herstellung Glasig-Kristalliner  
Gegenstände aus Glas). [1961] [28p. (foreign text  
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Trans. of mono. Beiträge zur Angewandten Glasfor-  
schung, Stuttgart, 1959, p. 121-132.

DESCRIPTORS: \*Glass, Manufacturing methods,  
Nuclei, Crystals, Growth, Nucleation.

It is shown that the rates of nuclei formation and of  
crystal-growth are essential factors in the develop-  
ment of such glassy-crystalline materials. Whereas  
the rate of nucleation in a melt may be increased to  
the required degree by adding small quantities of  
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DESCRIPTORS: \*Radiation effects, \*Glass, Discoloration, Radiation damage, \*Cerium, \*Arsenic, \*Antimony.

(Materials--Ceramics, TT, v. 7, no. 2)

- I. Jahn, W.
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